

I CLAIM:

1. A rheometer for examining a sample of a substance, the rheometer comprising:
 - an upper measuring part;
 - a lower measuring part, wherein said lower and said upper measuring part delimit a measuring chamber for receiving the sample; and
 - means for moving said upper measuring part relative to said lower measuring part, wherein at least one of said upper measuring part and said lower measuring part comprise a ceramic material.
2. The rheometer of claim 1, wherein said moving means effects a turning or pivoting motion.
3. The rheometer of claim 1, wherein said moving means comprises a driven shaft and said upper measuring part has a plate or a cone which delimits an upper side of said measuring chamber and which is coupled to said driven shaft, said plate or said cone consisting essentially of said ceramic material.
4. The rheometer of claim 3, wherein said upper measuring part comprises a coupling part and a coupling sleeve cooperating with said coupling part and integral with said plate or cone, wherein said coupling part cooperates with said driven shaft.
5. The rheometer of claim 1, wherein said lower measuring part has a ceramic base plate which delimits a lower side of said measuring chamber.

6. The rheometer of claim 1, wherein ceramic components are produced by an injection molding method.
7. The rheometer of claim 1, wherein ceramic components are surface-treated.
8. The rheometer of claim 1, wherein a temperature of the sample located in said measuring chamber can be controlled by a microwave device.
9. The rheometer of claim 1, wherein a temperature of the sample located in said measuring chamber can be controlled through infrared radiation.